

# Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: December 1, 2022

Utility Name (Cert. No.) <b>CIRCLE ELECTRIC, LLC (256)</b>	Utility File No. <b>PC70-0317FFF</b>	Date Filed: <b>November 7, 2022</b>
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PCE AMOUNT SUMMARY	Previously Approved PC70-0317EEE	Staff Recommended Amount(s) and Effective Date PC70-0317FFF
Class Rate	Date Approved: November 4, 2022	December 2, 2022
ALL	\$0.7053	<b>\$0.7145</b>
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent

Prior Fuel Purchase Price: <u>\$ 4.6528</u>	New Fuel Purchase Price: <b>\$ 4.7452</b>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.2263</u> Updated <u>0.2222</u>

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On Hand	6,985	X	4.6528	=	32,499.70
Delivered	1,626	X	5.1425	=	8,359.65
	<u>8,611</u>				<u>\$ 40,859.35</u>
					Weighted Average \$ 4.7452

Signed: \_\_\_\_\_

*Brenda Cox*

Brenda Cox

Utility Financial Analyst

## Commission decision re. this recommendation :

	Date (if different from 12/1/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<i>JWW</i> JWW for KKII		
Doyle		<i>BD</i> BD		
Pickett		<i>RMP</i> BP		
Sullivan		<i>DS</i> DS		
Wilson		<i>JWW</i> JWW		

Special Instructions to Staff:

\* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# CIRCLE ELECTRIC LLC

POWER COST EQUALIZATION CALCULATION  
For Test Period Ended December 31, 2016  
Fuel Cost Change and Surcharge Change

- A. Total kWh Generated
- B. Total kWh Sold (Appendix 2)
- C. Total Non-Fuel Costs (Appendix 2)
- D. Non-Fuel Cost/kWh (C / B)**
- E. Total Fuel Costs (Appendix 2)
- F. Fuel Costs/kWh (E / B)**
- G. Eligible Costs/kWh (D + F)
- H. Eligible Cost/kWh (G)  
Less base rate cents/kwh**
- I. Lesser of (H) or 80.42 cents/kWh
- J. Average Class Rates
- ALL
- K. Lesser of: (I) x 95% or (J)
- ALL
- L. Funding Level in Effect**
- ALL

PC70-0317EEE		PC70-0317FFF
Prior Commission Approval	Utility Request	Staff Recommended
363,360	363,360	363,360
330,837	330,837	330,837
148,198	148,198	148,198
<b>\$0.4479</b>	<b>\$0.4479</b>	<b>\$0.4479</b>
162,229	165,452	165,452
<b>\$0.4904</b>	<b>\$0.5001</b>	<b>\$0.5001</b>
\$0.9382	\$0.9480	\$0.9480
<b>\$0.7424</b>	<b>\$0.7522</b>	<b>\$0.7522</b>
\$0.7424	\$0.7522	\$0.7522
\$0.7905	\$0.7864	\$0.7864
Class Power Cost Equalization Per kWh Payable		
\$0.7053	\$0.7145	\$0.7145
100%	100%	100%
<b>\$0.7053</b>	<b>\$0.7145</b>	<b>\$0.7145</b>

PC70-0317FFF  
Appendix 1

# CIRCLE ELECTRIC LLC

## SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

For Test Period Ended December 31, 2016

### Fuel Cost Change and Surcharge Change

			PC70-0317EEE	PC70-0317FFF	
			Prior Commission Approval	Per Utility	Per Staff
<b>Non-Fuel Costs:</b>					
A.	Personnel Costs		66,368	66,368	66,368
B.	Operating Expenses		35,419	35,419	35,419
C.	General & Administrative		27,569	27,569	27,569
D.	Depreciation/Amortization		18,502	18,502	18,502
E.	Interest Expense		340	340	340
F.	Other (Describe)		0	0	0
<b>G. Total Non-Fuel Costs</b>			<b>\$148,198</b>	<b>\$148,198</b>	<b>\$148,198</b>
<b>Fuel Costs:</b>					
H.	Gallons Consumed for Electric Generation		34,867	34,867	34,867
I.	Price of Fuel: (per gal) Weighted Average		\$4.6528	\$4.7452	\$4.7452
<b>J. Total Cost of Fuel (H x I)</b>			<b>\$162,229</b>	<b>\$165,452</b>	<b>\$165,452</b>
<b>K. kWh Generated</b>			<b>363,360</b>	<b>363,360</b>	<b>363,360</b>
<b>L. kWh Sales</b>			<b>330,837</b>	<b>330,837</b>	<b>330,837</b>
<b>M. kWh Station Service</b>			<b>1,230</b>	<b>1,230</b>	<b>1,230</b>
			<u>Standard</u>		
N.	Efficiency	≥	10.5	10.50	10.50
(K/H)					
O.	Line Loss	≤	12%	8.61%	8.61%
(kWh generated -(kWh sold+ Station Service))/kWh generated					

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Appendix 2

UTILITY NAME: **CIRCLE ELECTRIC LLC**  
**CALCULATION OF AVERAGE CLASS RATE PER kWh**

Rate Schedule: Residential

Customer Charge: 0

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.7600	0.2222	0.9822	736.6500		
to						
to						
<b>Max</b> <b>750</b>			<b>Total</b>	<b>736.6500</b>	<b>0.9822</b>	<b>0.7864</b>

Rate Schedule: Community Facilities

Customer Charge: 0

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.7600	0.2222	0.9822	736.6500		
751 to						
to						
<b>Max</b> <b>750</b>			<b>Total</b>	<b>736.6500</b>	<b>0.9822</b>	<b>0.7864</b>

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 500						
to						
to						
<b>Max</b> <b>750</b>			<b>Total</b>			

# Circle Electric LLC

	Delivery Date	Gallons	Cost Per Gallon	*Fuel Treatment	Total Cost
Beginning Fuel Inventory		6,985			
Last Approved Fuel Cost/Gal.			\$ 4.6528		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inv					32,499.70
Reporting Period Purchases	10/15/22	1,625.6	5.0516	0.0909	\$8,360
Totals for Reporting Period Purchases on this sheet:		1,626			\$8,359.65
Grand Totals (beginning inventory plus purchases)		8,611			40,859.35
Total Cost for Reporting Period divided by Total Gallons for Reporting Period =				\$	5.1425
Grand Total Cost divided by Grand Total Gallons =				\$	4.7452

\*Circle purchased 20 gallons of a fuel treatment catalyst on 11/18/21. The cost is \$500 per gallon. Circle advised that 1 gallon of treatment will treat 5,500 gallons of fuel. (\$500/5,500= \$0.0909/gal)

Signature: Janis W. Wilson  
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